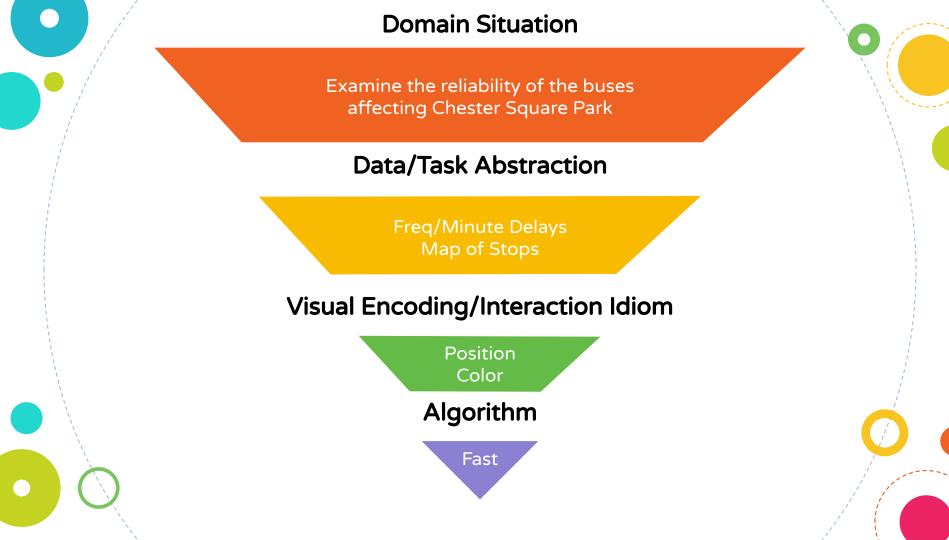




- Determine the reliability of the MBTA Buses
 - Route 1
 - Route 43
 - SL 4
 - SL 5



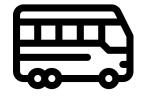
- Reliability = difference between the **scheduled** and **predicted** times for bus arrival





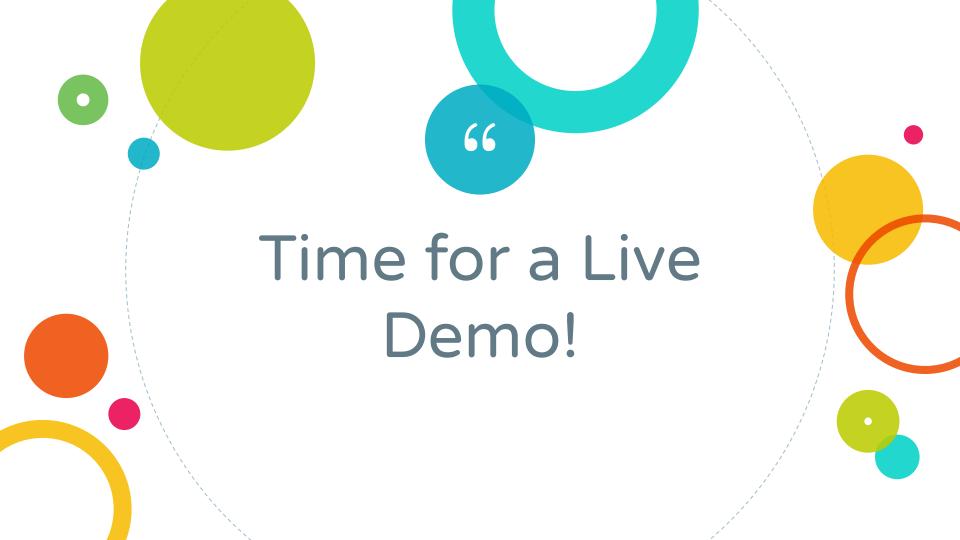
MBTA V3 API

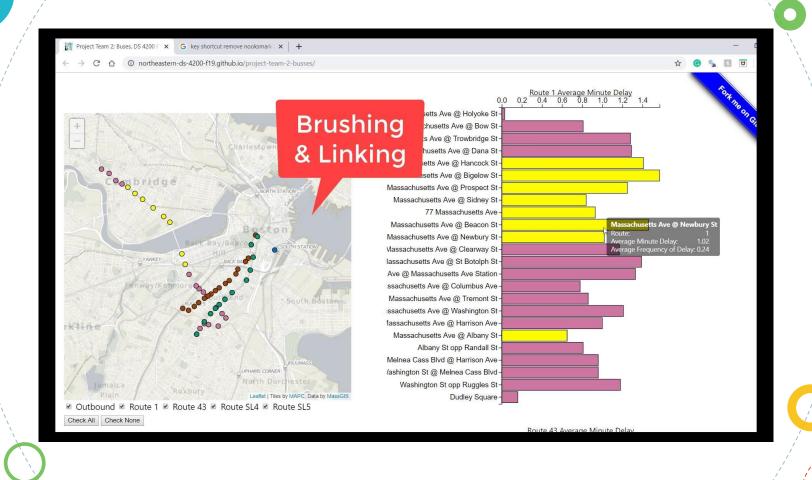
- Stops
- Schedules
- Predictions
- Trips



Fields:

- ID
- Time (if applicable)
- Direction (inbound/outbound)







- **33%** of trips experienced delays
- **Several** stops were consistently behind schedule
- Justification for change

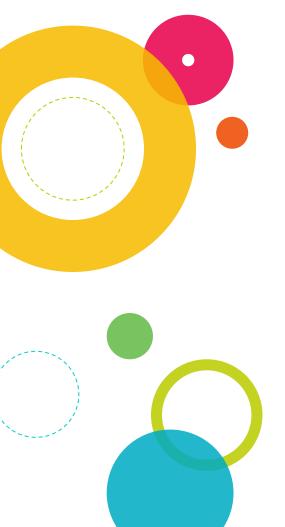


Boston BRT





http://www.bostonbrt.org/



Challenges

Task Analysis

- Deciding on a final project
- Generate
 value for the
 Chester
 Square Park

Leaflet Map

- Creating points on the map
- Coding our SVG layer over the map

V3 API

- Confusing data
- Larger than expected learning curve









Possible Future Improvements

Parallel Coordinates

- Phased out due to bugs and misalignment with our final task
- Could provide interesting visual patterns for riders.



Comparison to Boston BRT

- Difficult since there is not data pertaining to the Boston BRT trials.
- Could simulate the BRT based on its claims to create a data set for comparison

